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NEW USSR METALLURGICAL, PRODUCTION MACHINERY

PRODUCE STEEL SHEAR, ROLLER -- Baku, Bakinskiy Rabochiy, 29 May 53,

The Staro-Kramatorsk Machine Building Plant imeni Ordzhonikidze has completed the assembly of a fully automatic conveyer-equipped shear for cutting sheet steel.

For mechanization of rolled metal production the plant has also produced an automatic line 60 meters long. It consists of a roll table, turnover device, straightening device, and an electromagnetic stacker. Upon leaving the rolling mill, the steel sheet is straightened, inspected, cut, and stacked in bundles of predetermined weight.

NEW AUTOMATIC STEEL SHEAR, ROLLING MILL -- Leningradskaya Pravda, 4 Aug 53

The Novo-Kramatorsk Plant imeni Stalin today completed the assembly of a new type shear for cutting stock up to 450 millimeters thick. It is installed on the same line as a blooming mill, and works automatically, when light from the red-hot ingots strikes a photoelectric cell. The shear can also be operated by push button.

Tbilisi, Zarya Vostoka, 16 Jul 53

The Novo-Kramatorsk Machine Building Plant imeni Stalin is assembling a 609-ton stand, for a 1700 rolling mill designed to roll thin sheet. All processes of the mill are mechanized, and control is automatic.

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NEW MACHINES FOR ROLLING METAL -- Moscow, Trud, 3 Sep 53

In recent years the Sverdlovsk Uralmash Plant has developed more than 200 machines of new design.

Of late, designs for a number of new machines have been completed. Among these are a mill for the production of thin sheets of steel for use in electrical machinery, an aggregate for hot tin-plating, a five-stand rolling mill, and a mill for rolling thin tin plate.

Moscow, Izvestiya, 14 May 53

The Sverdlovsk Uralmash Plant has completed the design for a large blooming mill for rolling ingots weighing several tons. A change in design saved 200 tons of metal.

Ashkhabad, Turkmenkaya Iskra, 2 Jul 53

The Sverdlovsk Uralmash Plant has completed a powerful blooming mill of reduced weight. All its processes are mechanized and control is automatic.

Moscow, Pravda, 15 Jul 53

The Sverdlovsk Uralmash Plant has finished its first blooming mill of the 1150 type. This designation indicates the diameter of the rollers in millimeters. Each roller is powered by a 4,500-horsepower motor.

Moscow, Izvestiya, 15 Jul 53

In the first 6 months of 1953, the Sverdlovsk Uralmash Plant has almost equaled its full 1950 production of rolling equipment.

Paris, L'Humanite, 8 Oct 53

About 15,000 workers are employed by the Sverdlovsk Uralmash Plant.

SERIES PRODUCE PRESSES -- Leningradskaya Pravda, 2 Jul 53

The Novo-Kramatorsk Plant imeni Stalin has established series production of forging presses which exert a pressure of 2,400 tons.

SHIP PRESSE -- Tbilisi, Zarya Vostoka, 13 Aug 53

The Serpukhov Press and Forging Equipment Plant has sent a press exerting a 200-ton pressure to the Tbilisi Locomotive Repair Plant.

PRODUCE COLD TIRE SETTING PRESSES -- Ashkhabad, Turkmenkaya Iskra, 8 Jul 53

The Borovichi Machinery Plant has turned out its first lot of hydraulic presses for cold tire setting. Each machine can set tires on 500 wheels per shift.

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NEW METAL PUNCH -- Moscow, Komsomol'skaya Pravda, 3 Jul 53

The Riga VEF Electrical Machine Building Plant has constructed a new tool which will punch highly accurate holes in metal whose thickness is four times the punch diameter. The working part punch lasts for as many as 50,000 operations. The tool has already been used in the manufacture of 15 different parts.

NEW MACHINE TO CAST LARGE PIPE -- Riga, Sovetskaya Latviya, 12 Aug 53

The Riga Machinery and Repair Plant of the Ministry of Railways has perfected a new machine for casting pipe of large diameter.

NEW WELDING MACHINES -- Leningradskaya Pravda, 14 Mar 53

The Leningrad Elektrik Plant has shipped hundreds of machines for electric arc and contact welding, including butt welding, to builders of the great construction projects.

The plant is now series producing a new machine designated the MSG-500, used in butt welding the reinforcing frameworks for concrete construction. It handles rods from 60 to 100 millimeters in diameter, of any length. Some of these machines have been sent to the builders of the Kuybyshevskaya GES.

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